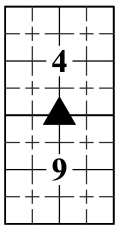
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **Jackson_E11**

Quarter Corner

Sections 4 & 9 - T06N - R03W, 2nd P.M.

Jackson Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with yellow plastic cap stamped "B-L-N.COM IN FIRM #0015" found flush on the south side slope of Spring Hill Rd. A steel u-post with a Greene County Survey Marker sign was set on the south side of the rebar.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The corner is on the south side of Spring Hill Road across from the house at 10505 E Spring Hill Road.

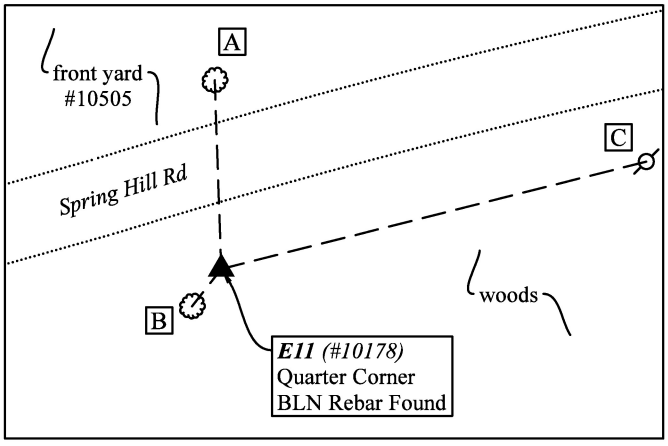
GEODETIC COORDINATES: (OSM #10178)

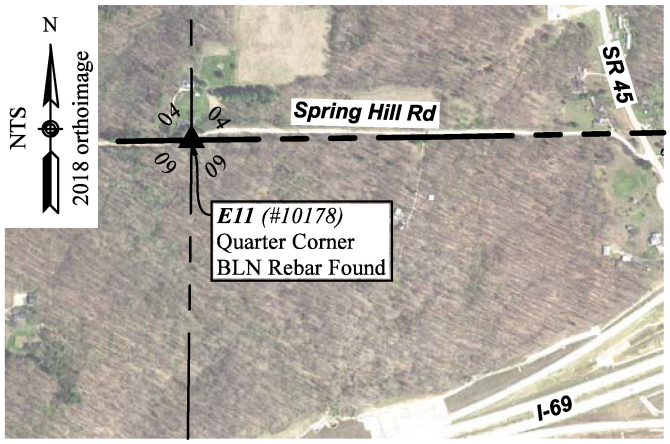
Northing	Easting	Datum
310287.63	887597.32	InGCS Greene Zone, US Survey Feet
1358298.11	3048204.02	NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	N 2° W	29.4'	12" dbh maple
B	S 38° W	7.4'	17" dbh black walnut
C	N 76° E	68.4'	Mag nail found 8" above grade on the south side of 8" dia. utility pole "UDWI 144-462"

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.

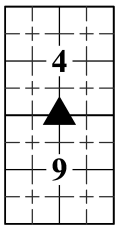




CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.
The original government land surveyors monumented the section corners and quarter corners of each section with wooden posts in the early 1800s. The task of replacing the original wooden posts with permanent objects such as stones, and setting permanent objects at the center of section and other interior aliquot corners was left to the county surveyors (in the 1800s and early 1900s) and later to local surveyors in private practice.

No record was found of a historic legal survey to establish this corner. However, there are legal survey records of three stones along the line between Sections 4 and 9. All three stones (E09, E12, and E13) were found by Sweetland in 2011. Sweetland established this corner equidistant between the stone found at the Section corner common to Sections 4, 5, 8 & 9 (E09) and the stone found at the Section corner common to Sections 3,4, 9 & 10 (E13). He did not use the stone at the East 1/16 corner common to Sections 4 and 9 (E12) to establish this corner, but he did accept the stone and put a



bearing break in the section line between E11, E12, and E13. The corner thus established is within 3 feet of the proportional location holding the stone at E09 and the stone at E12.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:
Year Surveyed: 1811-1812 By: Arthur Henrie
Where filed or recorded: F_EV03P345
Original monument: Wooden Post

Bearing Trees or Witness Ties:	Bearing	Distance
6" Dogwood	S 74° E	12.5'
18" Gum	N 42° W	15.2'

SUBSEQUENT CORNER RESTORATION:
Date Surveyed: 3/3/2011 By: Sweetland, Edward J.
Where filed or recorded: 2011-0881
Monument: Set BLN Rebar

Bearing Trees or Witness Ties:	Bearing	Distance
Mailbox post #10505	SW	133.4'
Mag nail in 12" Pike	NNW	28.5'
Mag nail in UP #1064	NE	68'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
3/3/2011	Sweetland, Edward J.	Location Control Route Survey, I69 Section 4, Segment 4, West Zone, Greene County ***(Origin of BLN capped rebar)***	2011-0881
4/5/2011	Ballard, Dustin K.	I69 Section 4, Segment 3 West Zone Location Control Route Survey	2011-1320
1/17/2014	Guerrettaz, Bernard	Retracement Survey in Section 4	2014-2256

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: No record was found of a historic legal survey to establish this corner. Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know if the monument found at this corner is in the original location. Therefore, the uncertainty cannot be determined.
- Inconsistencies in the lines of Occupation: 33 feet north/south due to several rebars set by Smith in 1987 along what was purported to be the north line of Section 9.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Orientation & Description: Capped rebar at E11

Photo Orientation & Description: Looking south at E11

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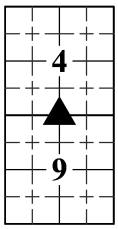

FIELD PERSONNEL:

Field Date: 02/06/2022 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226B Corner Perpetuation Survey for Jackson Township Sections 03, 04, 09 & 10, Township 6 North, Range 3 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
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(812) 320-2694 • Rachel@OserSurveying.com

Rachel Oser Date: 2/25/2022

This document is not complete without the associated plat and report of even date.